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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/087,463
		Filing Date	February 28, 2002
		First Named Inventor	Adityo Prakash
		Group Art Unit	2621
		Examiner Name	not yet known
Total Number of Pages in This Submission	6 **	Attorney Docket Number	10006.000720

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ Remarks ** does not include pages for listed references	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input checked="" type="checkbox"/> Transmittal Form <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Form PTO/SB/08; Copies of Listed References: (A - I documents); Return receipt postcard

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	James K. Okamoto, Reg No. 40,110 OKAMOTO & BENEDICTO LLP
Signature	
Date	October 1, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: Oct. 1, 2002			
Typed or printed name	James K. Okamoto		
Signature		Date	October 1, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Adityo Prakash, et al.

Serial No. 10/087,463

Examiner: not yet known

Filed: February 28, 2002

Art Unit: 2621

Title: DYNAMIC CHAIN-BASED
THRESHOLDING USING LOCAL
CHARACTERISTICS

Atty. Dkt. No.: 10006.000720

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INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the references cited therein are hereby listed but are not required to be provided in this application under 37 CFR § 1.98(d).

Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

☒ 37 CFR §1.97(b).

☐ 37 CFR §1.97(c). If so, then either:

☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.

OR

☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

☐ 37 CFR § 1.97(d). If so, then both:

☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that either:

- ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
- ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.

AND

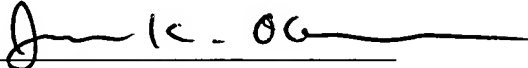
☐ Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).

Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted,

Adityo Prakash, et al.

Dated: October 1, 2002

By: 

James K. Okamoto

Attorney For Applicant(s)

Reg. No. 40,110

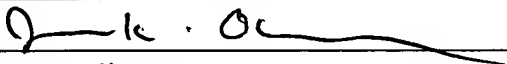
OKAMOTO & BENEDICTO LLP

P.O. Box 641330

San Jose, CA 95164

Tel.: (408) 436-2110

Fax: (408) 436-2114

CERTIFICATE OF MAILING			
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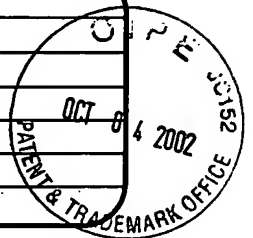
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Sheet	1	of	2
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Application Number	10/087,463
Filing Date	February 28, 2002
First Named Inventor	Adityo Prakash
Group Art Unit	2621
Examiner Name	not yet known
Attorney Docket Number	10006.000720

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Date Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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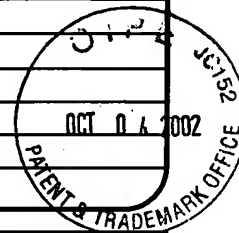
INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/087,463
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First Named Inventor	Adityo Prakash
Group Art Unit	2621
Examiner Name	not yet known
Attorney Docket Number	10006.000720



OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C	A.D. BRINK, " Edge-Based Dynamic Thresholding Of Digital Images" XP000926357, IEEE 1991, page 63; Dept. of Computational and Applied Mathematics, Johannesburg.	
	D	WEI LEI, et al. "Segmentation Based Coding Of Motion Compensated Prediction Error Images" XP000926358, April 30, 1993, pages 357-360, vol. 5; Signal Processing Laboratory, Switzerland.	
	E	"Canny edge detector demos" [on-line], [retrieved on February 14, 2002] Retrieved from the internet: URL: http://robotics.eecs.berkeley.edu/sastry/ee20/cademo.html .	
	F	CHARLIE ROTHWELL, et al. "Driving Vision by Topology" December 1994, pages 1-29, INRIA Sophia Antipolis, France	
	G	ADITYO PRAKASH, et al. "Method and Apparatus For Efficient Video Processing" US Patent Application No. 09/550,705 filed April 17, 2000.	
	H	ADITYO PRAKASH, et al. "Dynamic Thresholding" US Provisional Application No. 60/272,332 filed February 28, 2001.	
	I	"Classical Feature Detector" [on-line] [retrieved on February 16, 2002] Retrieved from the internet: URL: http://www.dai.ed.ac.uk/CVonline/LOCAL_COPIES/OWENS/LECT6/node2.html .	

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